

Computer Science Minor Checklist

	DONE	NEED
Suggested Early Courses:		
EITHER		
MATH 118* DIFFERENTIAL CALCULUS		
AND		
MATH 119* INTEGRAL CALCULUS		
OR		
MATH 121* CALCULUS I		
CPSC 120 FUNDAMENTALS OF COMPUTER SCIENCE I		
CPSC 170 FUNDAMENTALS OF COMPUTER SCIENCE II		
MATH 131 DISCRETE MATHEMATICS		
Other Courses:		
CPSC 250 DATA STRUCTURES & ALGORITHMS		
ELECTIVE **		
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Elective Choices:		
CPSC 301/302 SYSTEMS ADMINISTRATION 1 AND 2 (Offered every year)		
CPSC 310 TOPICS IN APPLIED COMPUTING		
CPSC 340 DATABASE SYSTEMS		
CPSC 342 NUMERICAL ANALYSIS		
CPSC 350 HUMAN COMPUTER INTERACTION		
CPSC 360 NETWORKS		
CPSC 365 SOFTWARE ENGINEERING & PROJECT DESIGN		
CPSC 405 INDEPENDENT STUDY AND RESEARCH (1/2 unit)		
CPSC 406 INDEPENDENT STUDY AND RESEARCH (1 unit)		
CPSC 407 INDEPENDENT STUDY AND RESEARCH (1/2 unit)		
CPSC 415 WEB PROGRAMMING		
CPSC 416 INTERNSHIP		
<p>*MATH 118 and 119, or 121, is not explicitly required for the minor but are prerequisites for required courses in the minor. Students should consult a computer science faculty member about the need to take these courses.</p> <p>** Two elective units are required, at the 300 level or above.</p>		